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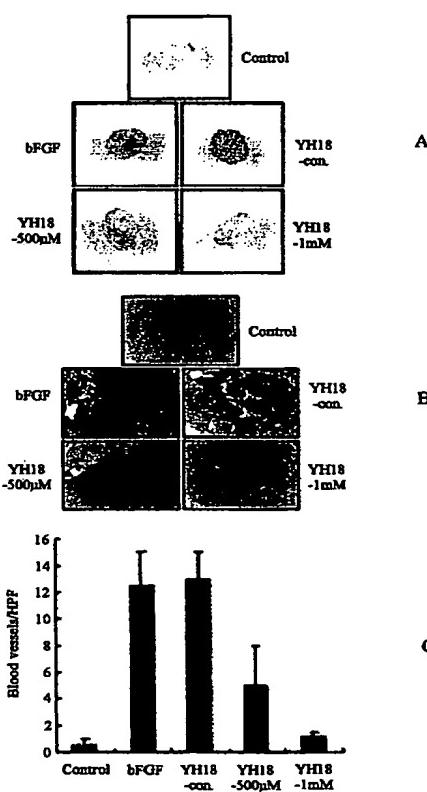
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*[Continued on next page]*

(54) Title: USE OF A PEPTIDE THAT INTERACTS WITH ALPHA V BETA3 INTEGRIN OF ENDOTHELIAL CELL



(57) Abstract: The present invention relates to the novel use of a peptide that interacts with the  $\alpha v \beta 3$  integrin of endothelial cells. More particularly, the invention relates to a method for inhibiting endothelial cell adhesion, endothelial cell migration and/or angiogenesis, using a peptide consisting of at least 18 amino acids, comprising tyrosine-histidine (YH) or asparagine-histidine (NH), and at least three hydrophobic amino acids with bulky side chains; or equivalents thereof. Furthermore, the invention provides a method for treating or preventing angiogenesis-related diseases, using the peptide.



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